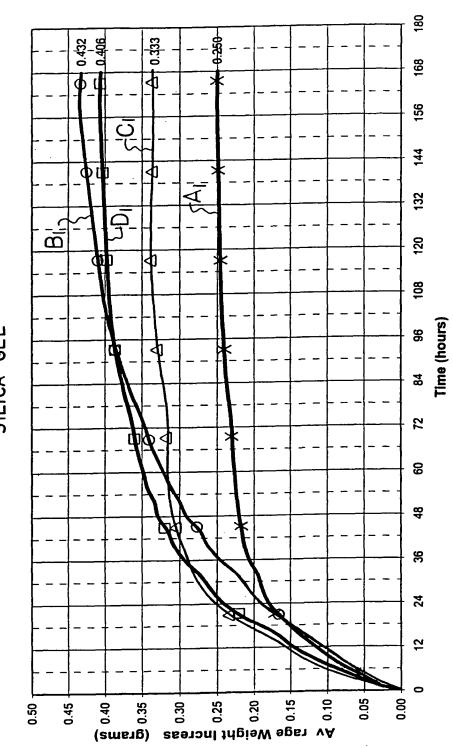


180 0.216 --- Unactivated (Fig. 1) -- Activated (Fig. 2) -- Activated (Fig. 1) 168 Water Vapor Adsorption Isotherm @ 25C/20%RH 156 1 4 132 120 108 Time (hours) SILICA GEL 8 22 8 -X-Prior Art (Fig. 6) 84 36 24 42 0.00 0.05 0.10 0.15 0.25 0.20 Average Weight Increase (grams)

F1G. 8

Water Vapor Adsorption Isotherm @ 25C/40%RH SILICA GEL



-6-Unactivated (Fig. 1) -6-Activated (Fig. 2) FIG. 9

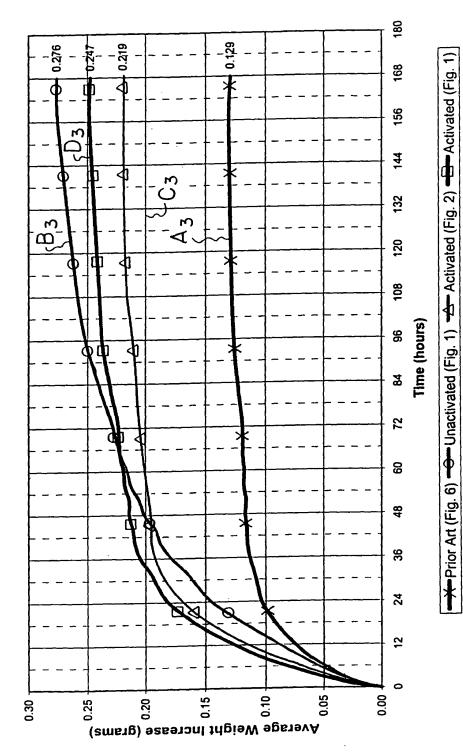
-X-Prior Art (Fig. 6)

48 -X-Prior Art (Fig. 6) -O-Unactivated (Fig. 1) - A-Activated (Fig. 2) - - Activated (Fig. 1) Water Vapor Adsorption Isotherm @ 25C/80%RH ★ 0.362 0.575 0.67i 36 CB₂ D_{2} Time (hours) ζ**Δ**2 SILICA GEL 12 Searonl IngiaW 0.5 4.0 0.5 0.5 0.5 (sms1g) 0.0 .0 0.8 0.7 PA rag

F1G. 10

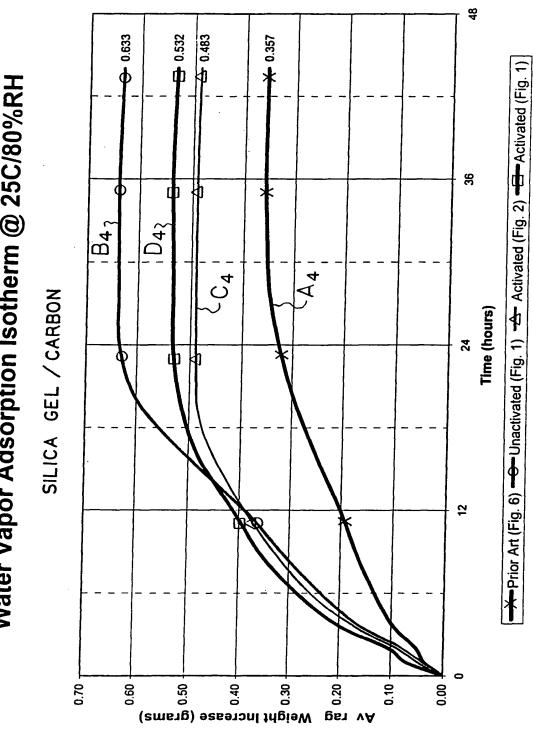
Water Vapor Adsorption Isotherm @ 25C/40%RH





FIG

Water Vapor Adsorption Isotherm @ 25C/80%RH



F1G. 12